

Regulatory Priorities for Ambient Air Monitoring QAPPs

Draft AQAO, ~~6/29~~10/09/12

Notes:

- Priorities have been determined based on several factors, but primarily focus on where ambient air monitoring data is the basis for regulatory actions, and also considers the likelihood of controversy and/or litigation. The primary focus here is on attainment determinations (designations, clean data findings, redesignations), but not the use of monitoring data in attainment demonstrations (in SIPs/FIPs).
- In cases where ambient air monitoring data is currently being collected without an approved QAPP in place, it may be possible that a future QAPP approval may not occur in time to influence the current action. In those cases, the focus here is more on understanding the status of the QAPP, identifying whether the current data collection meets our regulatory and data quality requirements, and anticipating where the lack of approved QAPP could impact a regulatory decision.

Highest Priority QAPPs

- Pinal PM2.5 and PM10 (PM2.5 and PM10 SIP development, potential PM2.5 clean data finding)
- Great Basin PM10 (potential litigation, high likelihood of challenge on data quality)
- Imperial PM10 (anticipation of clean data finding request beginning with 2013 data)
- Maricopa PM10 (5% plan; state goal of clean data finding based on 2010-2012 data)

High Priority QAPPs

- Bay Area PM2.5 (current clean data finding)
- Feather River PM2.5 (current clean data finding)
- Butte PM2.5 (current clean data finding)
- Sacramento PM2.5 (current clean data finding)
- Arizona DEQ PM10 (Douglas/Paul Spur, finalize clean data finding)
- South Coast PM10 (potential clean data finding for Coachella Valley)
- Clark Ozone (redesignation request and maintenance plan NPR)
- Clark PM10 (maintenance plan and future redesignation request)
- Arizona DEQ- Nogales PM2.5 (clean data finding)
- PM2.5 QAPPs:
 - PM2.5 designations (will likely rely on 2010-2012 data for state recommendation and 2011-2013 data for EPA decision): all areas in Region 9

Comment [e1]: The goal seems to be to have a proposed approval by the end of October 2012, thus I placed this as High. Do folks think this should be in a different category?

Comment [e2]: I noticed this on John U's revised CDF/actions table sent on 10/2, do we think this fits as a High?

Other QAPPs Needed for Regulatory Actions

- O3 QAPPs:
 - 1-hour ozone clean data findings: Sacramento and Southeast Desert

- 8-hour ozone attainment and clean data findings: Sutter buttes, Chico, Western Nevada, Central and South Mountain Counties, East Kern, San Diego, Ventura, Imperial, and Phoenix
- 2008 O3 NAAQS plan development in tribal areas: Pechanga and Morongo
- PM10 QAPPs:
 - PM10 re-designations (ACS commitment): focus on areas currently violating the PM10 standard, but not designated nonattainment: Nevada DEP (Pahrump), SJV, Great Basin (Coso Junction)
 - Clark PM10 (maintenance plan and future redesignation request)
- SO2 QAPPs:
 - SO2 Designations, focus on areas with currently violating monitors: Hawaii and ADEQ
- NO2 QAPPs:
 - New Near-Roadway NO2 sites, will be used once established (2013+) for future designations and as likely future PM2.5 sites: South Coast, SJV, San Diego, Hawaii, Sacramento, Clark, Maricopa, Bay Area

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Comment [e3]: Moved this out of the "High" priorities since the focus currently seems to be Ozone for Clark.

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